







**USE OF POLYPEPTIDES OF THE CUPREDOXIN FAMILY IN CANCER THERAPY****Publication number:** WO2005018662**Publication date:** 2005-03-03**Inventor:** CHAKRABARTY AMANDA M (US); DAS GUPTA TAPAS K (US); PUNJ VASU (US); ZABORINA OLGA (US); HIRAOKA YOSHINORI (US); YAMADA TOHRU (US)**Applicant:** TRUSTEES OF THE UNIVERSITY OF (US); CHAKRABARTY AMANDA M (US); DAS GUPTA TAPAS K (US); PUNJ VASU (US); ZABORINA OLGA (US); HIRAOKA YOSHINORI (US); YAMADA TOHRU (US)**Classification:****- International:** **A61K38/16; A61P35/00; A61K38/16; A61P35/00;**  
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 XP002306634**Report a data error here****Abstract of WO2005018662**

Cytotoxic factors having use in modulating cell death, and their use in methods of treating necrosis or apoptosis-related conditions are disclosed. The invention also relates to methods for identifying active agents useful in treating conditions related to cell death or uncontrolled growth. The present inventors have found that different microorganisms produce different cytotoxic factor(s) having anticancer activity. The substantially pure cytotoxic factors can be used in a method of treating an infectious disease or a cancer.

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(57) Abstract: Cytotoxic factors having use in modulating cell death, and their use in methods of treating necrosis or apoptosis--related conditions are disclosed. The invention also relates to methods for identifying active agents useful in treating conditions related to cell death or uncontrolled growth. The present inventors have found that different microorganisms produce different cylo-toxic factor(s) having anticancer activity. The substantially pure cytotoxic factors can be used in a method of treating an infectious disease or a cancer.



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